

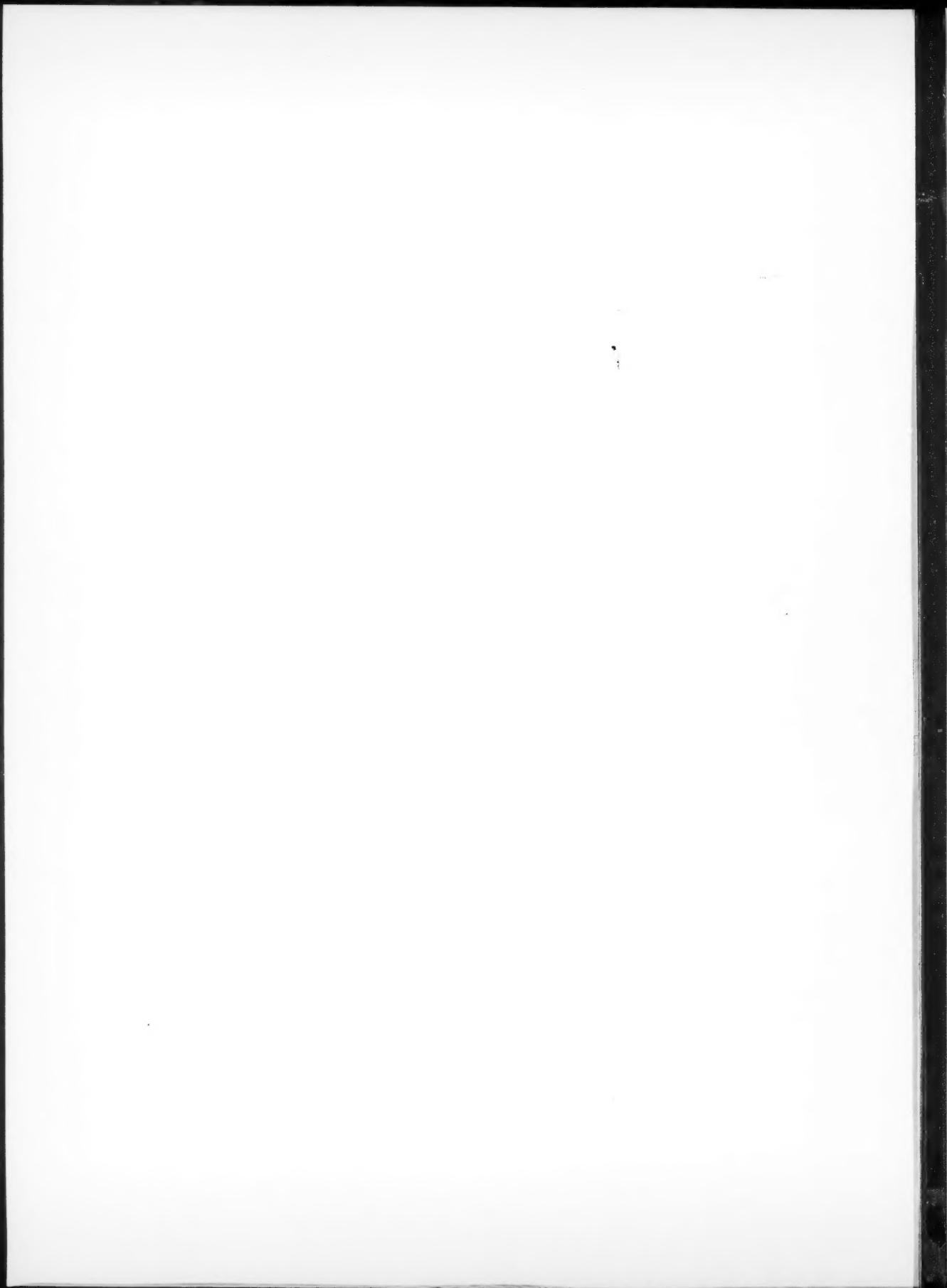
# **JAVMA**

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## Book Reviews: For Your Client's Library

- The Complete Holistic Dog Book: Home Health Care for Our Canine Companions, by Jan Allegretti & Katy Sommers [L Sargent], 1857
- Zoonoses and the Contribution of Disease-Free Pets to Human Health (Advances in Medical & Veterinary Virology, Immunology, and Epidemiology Series), by Elie K Barbour & Thankam Mathew [DJ Dane], 1857
- Hound Health Handbook, by Betsy Brevitz [DL Tanaglia], 1858
- Understanding Equine Colic (Horse Health Care Library Series), by Bradford G Bentz [TP Vlahos], 1858
- The Complete Pet Bird Owner's Handbook (3rd edition), by Gary A Gallerstein [R Stevenson], 1859
- Equine Handbook of Tendon and Ligament Injuries (The Howell Equestrian Library Series), by Linda B Schulz [WW Sutter], 1859

## Book Reviews: For Your Library

- Concise Review of Veterinary Microbiology, by PJ Quinn & BK Markey [AE Castro], 1850
- A Practitioner's Guide to Avian Necropsy, by Robert E Schmidt & Drury Reavill [K Flammer], 1850
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- Comparative Pharmacokinetics, by Jim E Riviere [SK Ramaiah], 1851
- The Handbook of Veterinary Contrast Radiography, by Seth T Wallack [SA West], 1851
- Global Livestock Health Policy: Challenges, Opportunities, and Strategies for Effective Action, by Robert E Kahrs [WD Hueston], 1852
- Integrated Pest Management: Current and Future Strategies (Number 140), by The Task Force of the Council for Agricultural Science and Technology [DK Miller], 1852
- What Animals Want: Expertise and Advocacy in Laboratory Animal Welfare Policy, by Larry Carbone [VM Jennings], 1852
- Animal Cruelty: Pathway to Violence Against People, by Linda Merz-Perez & Kathleen M Heide [DD Flemming], 1853
- Companion Animals, Their Biology, Care, Health, and Management, by Karen L Campbell & James E Corbin [S Sanford], 1853
- Shelter Medicine for Veterinarians and Staff, by Lila Miller & Stephen Zawistowski [LK Lord], 1853
- Feline Behavior: A Guide for Veterinarians (2nd edition), by Bonnie V Beaver [G Landsberg], 1854
- Feline Medicine and Therapeutics (3rd edition), by AE Chandler, CJ Gaskell, & RM Gaskell [MA Carothers], 1854
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- Small Animal Theriogenology (The Practical Veterinarian Series), by Margaret V Root Kustritz [ML Casal], 1855
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- edition), by Deidre M Carson & Sidney W Ricketts [AR Williams], 1856
- External Fixation in Small Animal Practice, by Karl H Kraus, James P Toombs, & Malcolm G Ness [TA Zachos], 1856
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- Client Handouts: Supplements & Alternative Medicine (CD-ROM edition), by Steve Marsden, Shawn Messonnier, & Cheryl Yuill [NG Robinson], 1857

## Books Received 1859

### Bovine Viral Diarrhea Virus (BVDV)

- Evaluation of fetal protection against experimental infection with type 1 and type 2 bovine viral diarrhea virus after vaccination of the dam with a bivalent modified live virus vaccine [KKF Fairbanks et al], 1898

### Boxers

- Use of signal-averaged electrocardiography in the evaluation of arrhythmogenic right ventricular cardiomyopathy in Boxers [AW Spier et al], 1050

### Brain

- Cervical syringomyelia secondary to a brainstem tumor in a dog [RC da Costa et al], 1061
- Use of cyclosporine to treat granulomatous meningoencephalitis in three dogs [FP Adamo et al], 1211
- Complex partial seizures in two dogs [NH Dodman et al], 1339
- Clinical signs, underlying cause, and outcome in cats with seizures: 17 cases (1997–2002) [HL Barnes et al], 1723

### Breeds

- Effects of winning the Westminster Kennel Club Dog Show on breed popularity [HA Herzog et al], 365

### Bulla

- A large pulmonary bulla associated with radiation treatment for malignant fibrous histiocytoma in a dog [RS Dhaliwal et al], 203

## C

### Calcium

- Calcium deposition disease in a Great Dane [KA Kirkby et al], 1335

### Calorimetry

- Comparison of the standard predictive equation for calculation of resting energy expenditure with indirect calorimetry in hospitalized and healthy dogs [E O'Toole et al], 58

### Canada

- Clinicopathologic features of an unusual outbreak of cryptococcosis in dogs, cats, ferrets, and a bird: 38 cases (January to July 2003) [SJ Lester et al], 1716

### Carbon Dioxide

- Histologic comparison of skin biopsy specimens collected by use of carbon dioxide or 810-nm diode lasers from dogs [LB Rizzo et al], 1562

### Carcinoma

- Appendicular arterial tumor embolization in two cats with pulmonary carcinoma [P Ibarrola et al], 1065
- Massive hepatocellular carcinoma in dogs: 48 cases (1992–2002) [JM Liptak et al], 1225
- Effects of treatment with and without adjuvant radiation therapy on recurrence of ocular and adnexal squamous cell carcinoma in horses: 157 cases (1985–2002) [CB Mosunic et al], 1733

### Cardiomyopathy

- Use of signal-averaged electrocardiography in the evaluation of arrhythmogenic right ventricular cardiomyopathy in Boxers [AW Spier et al], 1050
- Use of tissue Doppler imaging to confirm the diagnosis of dilated cardiomyopathy in a dog with equivocal echocardiographic findings [V Chetboul et al], 1877

### Cardiovascular System

- Atrial fibrillation in cats: 50 cases (1979–2002) [E Côté et al], 256
- Assessment of the prevalence of heart murmur in overtly healthy cats [E Côté et al], 384
- Effects of intravenous administration of dimethyl sulfoxide on cardiopulmonary and clinicopathologic variables in awake or halothane-anesthetized horses [H-C Lin et al], 560
- Surgical correction of subaortic stenosis via right ventriculotomy and septal resection in a dog [DA Nelson et al], 705
- Complete atrioventricular block and lack of ventricle pacing caused by dislodgement of a pacemaker lead in a dog [R Prošek et al], 845
- Use of signal-averaged electrocardiography in the evaluation of arrhythmogenic right ventricular cardiomyopathy in Boxers [AW Spier et al], 1050
- Appendicular arterial tumor embolization in two cats with pulmonary carcinoma [P Ibarrola et al], 1065
- Management of hemodynamic changes associated with removal of a large abdominal myofibroblastic tumor in a pony [AG Boyle et al], 1079
- Use of a jugular vein autograft for reconstruction of the cranial vena cava in a dog with invasive thymoma and cranial vena cava syndrome [IG Holsworth et al], 1205
- Double aortic arch in a dog [ML Vianna et al], 1222
- Use of low molecular weight heparin in cats: 57 cases (1999–2003) [CE Smith et al], 1237
- Use of tissue Doppler imaging to confirm the diagnosis of dilated cardiomyopathy in a dog with equivocal echocardiographic findings [V Chetboul et al], 1877

### Cataracts

- Anesthesia in a mallard duck [D Wilson et al], 685
- Funduscopy findings following cataract extraction by means of phacoemulsification in diabetic dogs: 52 cases (1993–2003) [MP Landry et al], 709

### Caterpillars

- Evaluation of early fetal loss induced by gavage with eastern tent caterpillars in pregnant mares [WV Bernard et al], 717

### Cecum

- Cecocolic intussusception in a horse [J Taintor et al], 1829

### Cell-mediated Immunity

- Methods for analysis of cell-mediated immunity in domestic animal species [MR Sandbulte et al], 522

### Chemotherapy

- Use of cisplatin, 5-fluorouracil, and second-look laparotomy for the management of gastrointestinal adenocarcinoma in three dogs [RM Standclift et al], 1412

### Children

- Sensitivities of three county health department surveillance systems for child-related dog bites: 261 cases (2000) [RI Tan et al], 1680

### Cisplatin

- Use of cisplatin, 5-fluorouracil, and second-look laparotomy for the management of gastrointestinal adenocarcinoma in three dogs [RM Standclift et al], 1412

### Clams

- Current status of aquatic species biologics [SRR Haskell et al], 1541



## Clinical Pathology

Hypercalcemia and high serum parathyroid hormone-related protein concentration in a horse with multiple myeloma [MH Barton et al], 409

Clinicopathologic features of an unusual outbreak of cryptococcosis in dogs, cats, ferrets, and a bird: 38 cases (January to July 2003) [SJ Lester et al], 1716

Absolute and relative cell counts for synovial fluid from normal shoulder and stifle joints in cats [PD Pacchiana et al], 1866

## Clomipramine

Determination of the dosage of clomipramine for the treatment of urine spraying in cats [JN King et al], 881

## Cloning

Present status of equine cloning and clinical characterization of embryonic, fetal, and neonatal development of three cloned mules [DK Vanderwall et al], 1694

## Clopidogrel

Antiplatelet effects and pharmacodynamics of clopidogrel in cats [DF Hogan et al], 1406

## Clostridium spp

Principles of an infectious disease control program for preventing nosocomial gastrointestinal and respiratory tract diseases in large animal veterinary hospitals [BP Smith et al], 1186

## Coagulation

Antiplatelet effects and pharmacodynamics of clopidogrel in cats [DF Hogan et al], 1406

## Colic

Evaluation of risk factors associated with development of post-operative ileus in horses [ND Cohen et al], 1070

## Colloids

Management of hemodynamic changes associated with removal of a large abdominal myofibroblastic tumor in a pony [AG Boyle et al], 1079

## Colon

Cecocolic intussusception in a horse [J Taintor et al], 1829

## Colorado

Seroprevalence of *Mycobacterium avium* subsp *paratuberculosis* infection among dairy cows in Colorado and herd-level risk factors for seropositivity [HL Hirst et al], 97

## Colostrum

Effects of passive transfer of immunity on results of diagnostic tests for antibodies against feline immunodeficiency virus in kittens born to vaccinated queens [K MacDonald et al], 1554

## Commentary

A reflection on the ways veterinarians cope with the death, euthanasia, and slaughter of animals [CS Manette], 34

Behavior wellness concepts for general veterinary practice [S Hetts et al], 506

The veterinarian's role in conservation [SL Deem], 1033

Future prosperity depends on consumer trust [RE Whitford], 1824

Concerns about our profession [WA Dorsey], 1827

## Communication

Use of the Roter interaction analysis system to analyze veterinarian-client-patient communication in companion animal practice [JR Shaw et al], 222

## Computed Tomography (CT)

Foreign-body rhinitis in a dog [JA Sondel et al], 1183

Radiographic, magnetic resonance imaging, computed tomographic, and rhinoscopic features of nasal aspergillosis in dogs [JH Saunders et al], 1703

## Congenital Diseases

Dysostoses of the canine and feline appendicular skeleton [HAM Towle et al], 1685

## Conservation

The veterinarian's role in conservation [SL Deem], 1033

## Coronavirus

Effect of intranasal vaccination against bovine enteric coronavirus on the occurrence of respiratory tract disease in a commercial backgrounding feedlot [PJ Plummer et al], 726

## Corrections

Animal Behavior Case of the Month: Urine spraying and inappropriate urination in a cat [LM Seibert], 2004;224:1594, 71  
Letters to the Editor: More on seriousness of animal rights struggle [VW Koch], 2004;225:674, 1028

## Corynebacterium spp

Infection with *Corynebacterium pseudotuberculosis* in five alpacas [DE Anderson et al], 1743

## Council and Committee Report

Extralabel use of medicated feeds for minor species [AVMA Aquaculture and Seafood Advisory Committee (ASAC)], 531

## Cow-Calf Herds

Impact of the Texas Beef Partnership in Extension Program on profitability of beef cow-calf herds [SE Wikse et al], 210

## Crabs

Current status of aquatic species biologics [SRR Haskell et al], 1541

## Cranial Cruciate Ligament

Tibial plateau leveling osteotomy in a llama with a ruptured cranial cruciate ligament [WM Ray et al], 1739

## Cranial Vena Cava Syndrome

Use of a jugular vein autograft for reconstruction of the cranial vena cava in a dog with invasive thymoma and cranial vena cava syndrome [IG Holsworth et al], 1205

## Cryptococcus spp

Clinicopathologic features of an unusual outbreak of cryptococcosis in dogs, cats, ferrets, and a bird: 38 cases (January to July 2003) [SJ Lester et al], 1716

## Cryptosporidium spp

Evaluation of two rapid assays for detecting *Cryptosporidium parvum* in calf feces [JL Muccio et al], 1090

Seroprevalences of antibodies against *Bartonella henselae* and *Toxoplasma gondii* and fecal shedding of *Cryptosporidium* spp, *Giardia* spp, and *Toxocara cati* in feral and pet domestic cats [FB Nutter et al], 1394

Comparison of direct immunofluorescence, modified acid-fast staining, and enzyme immunoassay techniques for detection of *Cryptosporidium* spp in naturally exposed kittens [SL Marks et al], 1549

## Cyathostomes

Prevalence of anthelmintic resistant cyathostomes on horse farms [RM Kaplan et al], 903

## Cyclosporine

Use of cyclosporine to treat granulomatous meningoencephalitis in three dogs [FP Adamo et al], 1211

## Cystitis

Antimicrobial resistance of *Escherichia coli* strains isolated from urine of women with cystitis or pyelonephritis and feces of dogs and healthy humans [MR Sannes et al], 368



## Cytology

Absolute and relative cell counts for synovial fluid from normal shoulder and stifle joints in cats [PD Pacchiana et al], 1866

## D

## Dairy Cows

Seroprevalence of *Mycobacterium avium* subsp *paratuberculosis* infection among dairy cows in Colorado and herd-level risk factors for seropositivity [HL Hirst et al], 97

## Dairy Farms

Prevalence of *Salmonella* spp on conventional and organic dairy farms [CP Fossler et al], 567

Isolation of *Salmonella* spp from the environment of dairies without any history of clinical salmonellosis [SF Peek et al], 574

## Dalteparin

Use of low molecular weight heparin in cats: 57 cases (1999–2003) [CE Smith et al], 1237

## Death

A reflection on the ways veterinarians cope with the death, euthanasia, and slaughter of animals [CS Manette], 34

## Debt

Employment, starting salaries, and educational indebtedness of year-2004 graduates of US veterinary medical colleges [AJ Shepherd], 1677

## Demographics

Distribution of AVMA members by state and gender (1999–2003) [JK Wise et al], 519

## Dentistry

Fistula formation caused by a retained root fragment after tooth extraction in a dog [KM Galante et al], 2004;225:1037

Letters: Comments on diagnosis in dentistry article

[AM Reiter], 2004;225:1529

[BP Hall], 2004;225:1528

[DT Carmichael], 2004;225:1528

Effect of dental floating on weight gain, body condition score, feed digestibility, and fecal particle size in pregnant mares [JL Carmalt et al], 1889

## Dermatology

Excision as treatment of dermal melanomatosis in horses: 11 cases (1994–2000) [EL Rowe et al], 94

Evaluation of magnetic resonance imaging for detection of internal tumors in green turtles with cutaneous fibropapillomatosis [LA Croft et al], 1428

Histologic comparison of skin biopsy specimens collected by use of carbon dioxide or 810-nm diode lasers from dogs [LB Rizzo et al], 1562

## Diabetes Mellitus

Evaluation of long-term home monitoring of blood glucose concentrations in cats with diabetes mellitus: 26 cases (1999–2002) [S Kley et al], 261

Fundusoscopic findings following cataract extraction by means of phacoemulsification in diabetic dogs: 52 cases (1993–2003) [MP Landry et al], 709

## Diarrhea

Outcome of cats with diarrhea and *Tritrichomonas foetus* infection [DM Foster et al], 888

Evaluation of two rapid assays for detecting *Cryptosporidium parvum* in calf feces [JL Muccio et al], 1090

Comparison of direct immunofluorescence, modified acid-fast staining, and enzyme immunoassay techniques for detection of *Cryptosporidium* spp in naturally exposed kittens [SL Marks et al], 1549

## Diet

Evaluation of complications and prognostic factors associated with administration of total parenteral nutrition in cats: 75 cases (1994–2001) [SC Pyle et al], 242

Energy requirements and body surface area of cats and dogs [RC Hill et al], 689

Nutritional adequacy of two vegan diets for cats [CM Gray et al], 1670

## Digestibility

Effect of dental floating on weight gain, body condition score, feed digestibility, and fecal particle size in pregnant mares [JL Carmalt et al], 1889

## Digestive System

Fistula formation caused by a retained root fragment after tooth extraction in a dog [KM Galante et al], 2004;225:1037

Letters: Comments on diagnosis in dentistry article

[AM Reiter], 2004;225:1529

[BP Hall], 2004;225:1528

[DT Carmichael], 2004;225:1528

Outcome of and prognostic indicators for dogs and cats with pneumoperitoneum and no history of penetrating trauma: 54 cases (1988–2002) [JA Smelstoys et al], 251

Risk factors associated with fecal *Salmonella* shedding among hospitalized horses with signs of gastrointestinal tract disease [NS Ernst et al], 275

Mesenteric volvulus causing functional ileus in a dog [CT Trostel et al], 361

Evaluation of the effects of premedication on gastroendoscopy in cats [AA Smith et al], 540

Gastrointestinal stasis in a rabbit [AA Pilny et al], 681

Outcome of cats with diarrhea and *Tritrichomonas foetus* infection [DM Foster et al], 888

Underlying cause, pathophysiologic abnormalities, and response to treatment in cats with septic peritonitis: 51 cases (1990–2001) [MF Costello et al], 897

Prevalence of anthelmintic resistant cyathostomes on horse farms [RM Kaplan et al], 903

Evaluation of rumen transfaunation after surgical correction of left-sided displacement of the abomasum in cows [KD Rager et al], 915

Evaluation of risk factors associated with development of post-operative ileus in horses [ND Cohen et al], 1070

Evaluation of two rapid assays for detecting *Cryptosporidium parvum* in calf feces [JL Muccio et al], 1090

Principles of an infectious disease control program for preventing nosocomial gastrointestinal and respiratory tract diseases in large animal veterinary hospitals [BP Smith et al], 1186

Massive hepatocellular carcinoma in dogs: 48 cases (1992–2002) [JM Liptak et al], 1225

Use of cisplatin, 5-fluorouracil, and second-look laparotomy for the management of gastrointestinal adenocarcinoma in three dogs [RM Stancliff et al], 1412

Surgical management of gallbladder mucoceles in dogs: 22 cases (1999–2003) [DR Worley et al], 1418

Surgical management of compound odontoma in two horses [SH Brounts et al], 1423

Comparison of direct immunofluorescence, modified acid-fast staining, and enzyme immunoassay techniques for detection of *Cryptosporidium* spp in naturally exposed kittens [SL Marks et al], 1549

Foreign body attachment to polypropylene suture material extruded into the small intestinal lumen after enteric closure in three dogs [M Milovancev et al], 1713

Cecocolic intussusception in a horse [J Taintor et al], 1829

Avulsion of a hepatic duct in a dog [DE Filipowicz et al], 1831

Seroprevalence of antibodies against *Lawsonia intracellularis* among growing pigs raised in indoor versus outdoor units [M Class et al], 1905

## Dimethyl Sulfoxide

Effects of intravenous administration of dimethyl sulfoxide on

cardiopulmonary and clinicopathologic variables in awake or halothane-anesthetized horses [H-C Lin et al], 560

#### Diode

Histologic comparison of skin biopsy specimens collected by use of carbon dioxide or 810-nm diode lasers from dogs [LB Rizzo et al], 1562

#### Disasters

Search-and-rescue dogs: an overview for veterinarians [KE Jones et al], 854

Medical and behavioral surveillance of dogs deployed to the World Trade Center and the Pentagon from October 2001 to June 2002 [CM Otto et al], 861

Deployment morbidity among search-and-rescue dogs used after the September 11, 2001, terrorist attacks [KA Slensky et al], 868

#### Disease Prevention

Principles of an infectious disease control program for preventing nosocomial gastrointestinal and respiratory tract diseases in large animal veterinary hospitals [BP Smith et al], 1186

#### DNA

Molecular and serologic evidence of *Anaplasma phagocytophilum* infection in cats in North America [MR Lappin et al], 893

#### Donkeys

*Halicephalobus gingivalis* infection in a donkey [DG Schmitz et al], 1667

#### Doppler Imaging

Use of tissue Doppler imaging to confirm the diagnosis of dilated cardiomyopathy in a dog with equivocal echocardiographic findings [V Chetboul et al], 1877

#### Ducks

Anesthesia in a mallard duck [D Wilson et al], 685

#### Dysostoses

Dysostoses of the canine and feline appendicular skeleton [HAM Towle et al], 1685

### E

#### Ears

Fracture of the tympanic bulla in a kitten [U Krotscheck et al], 1337

#### ECG of the Month

Complete atrioventricular block and lack of ventricle pacing caused by dislodgement of a pacemaker lead in a dog [R Prošek et al], 845

#### Echocardiography

Use of tissue Doppler imaging to confirm the diagnosis of dilated cardiomyopathy in a dog with equivocal echocardiographic findings [V Chetboul et al], 1877

#### Economics

Impact of the Texas Beef Partnership in Extension Program on profitability of beef cow-calf herds [SE Wikse et al], 210

Time and financial costs of programs for live trapping feral cats [FB Nutter et al], 1403

Future prosperity depends on consumer trust [RE Whitford], 1824

#### Educational Opportunities

113, 289, 425, 588, 740, 1096, 1251, 1440, 1591, 1752, 1917

#### Electrocardiography

Complete atrioventricular block and lack of ventricle pacing caused by dislodgement of a pacemaker lead in a dog [R Prošek et al], 845

Use of signal-averaged electrocardiography in the evaluation of arrhythmogenic right ventricular cardiomyopathy in Boxers [AW Spier et al], 1050

#### ELISA

Comparison of direct immunofluorescence, modified acid-fast staining, and enzyme immunoassay techniques for detection of *Cryptosporidium* spp in naturally exposed kittens [SL Marks et al], 1549

#### Emboli

Appendicular arterial tumor embolization in two cats with pulmonary carcinoma [P Ibarrola et al], 1065

#### Embryos

Present status of equine cloning and clinical characterization of embryonic, fetal, and neonatal development of three cloned mules [DK Vanderwall et al], 1694

#### Employment

Employment and age of male and female AVMA members, 2003 [JK Wise et al], 876

Employment, starting salaries, and educational indebtedness of year-2004 graduates of US veterinary medical colleges [AJ Shepherd], 1677

Employment of female and male graduates of US veterinary medical colleges, 2004 [AJ Shepherd], 1834

#### Encephalitis

Investigation of an outbreak of encephalomyelitis caused by West Nile virus in 136 horses [MP Ward et al], 2004;225:84

Letter: Views WNV prevention suggestions as outdated [FK Reilly], 2004;225:1027

West Nile virus infection in two alpacas [MA Kutzler et al], 921

Evaluation of an outbreak of West Nile virus infection in horses: 569 cases (2002) [LA Schuler et al], 1084

#### Endocrinology

Congenital adrenal hyperplasia secondary to 11 $\beta$ -hydroxylase deficiency in a domestic cat [EL Knighton], 238

Evaluation of long-term home monitoring of blood glucose concentrations in cats with diabetes mellitus: 26 cases (1999–2002) [S Kley et al], 261

#### Endoscopy

Evaluation of laparoscopic-assisted placement of jejunostomy feeding tubes in dogs [SA Hewitt et al], 65

Correlation of rhinoscopic signs of inflammation with histologic findings in nasal biopsy specimens of cats with or without upper respiratory tract disease [LR Johnson et al], 395

Evaluation of the effects of premedication on gastroendoscopy in cats [AA Smith et al], 540

Evaluation of outcome of otitis media after lavage of the tympanic bulla and long-term antimicrobial drug treatment in dogs: 44 cases (1998–2002) [BS Palmeiro et al], 548

Use of high-power ultrasonic shears for laparoscopic ovariectomy in mares [JG Aldredge et al], 1578

#### Energy

Comparison of the standard predictive equation for calculation of resting energy expenditure with indirect calorimetry in hospitalized and healthy dogs [E O'Toole et al], 58

Energy requirements and body surface area of cats and dogs [RC Hill et al], 689

#### Environment

Hemolysis and Heinz body formation associated with ingestion of red maple leaves in two alpacas [SF DeWitt et al], 578

The veterinarian's role in conservation [SL Deem], 1033

Environmental surveillance for *Salmonella enterica* in a veterinary teaching hospital [BA Burgess et al], 1344

## Epidemiology

- Investigation of an outbreak of encephalomyelitis caused by West Nile virus in 136 horses [MP Ward et al], 2004;225:84  
Letter: Views WNV prevention suggestions as outdated [FK Reilly], 2004;225:1027
- Evaluation of environmental risk factors for leptospirosis in dogs: 36 cases (1997–2002) [MP Ward et al], 72
- Survival time, lifespan, and quality of life in dogs with idiopathic Fanconi syndrome [JH Yearley et al], 377
- Prevalence of *Salmonella* spp on conventional and organic dairy farms [CP Fossler et al], 567
- Isolation of *Salmonella* spp from the environment of dairies without any history of clinical salmonellosis [SF Peek et al], 574
- Search-and-rescue dogs: an overview for veterinarians [KE Jones et al], 854
- Medical and behavioral surveillance of dogs deployed to the World Trade Center and the Pentagon from October 2001 to June 2002 [CM Otto et al], 861
- Deployment morbidity among search-and-rescue dogs used after the September 11, 2001, terrorist attacks [KA Slensky et al], 868
- Evaluation of an outbreak of West Nile virus infection in horses: 569 cases (2002) [LA Schuler et al], 1084
- Environmental surveillance for *Salmonella enterica* in a veterinary teaching hospital [BA Burgess et al], 1344
- Seroprevalences of antibodies against *Bartonella henselae* and *Toxoplasma gondii* and fecal shedding of *Cryptosporidium* spp, *Giardia* spp, and *Toxocara cati* in feral and pet domestic cats [FB Nutter et al], 1394
- Reproductive capacity of free-roaming domestic cats and kitten survival rate [FB Nutter et al], 1399
- Sensitivities of three county health department surveillance systems for child-related dog bites: 261 cases (2000) [RI Tan et al], 1680

## Epilepsy

- Clinical signs, underlying cause, and outcome in cats with seizures: 17 cases (1997–2002) [HL Barnes et al], 1723

## Equine Herpesvirus

- Use of the meridian test for the detection of equine herpesvirus type 1 infection in horses with decreased performance [S Chvala et al], 2004;225:554  
Letter [DW Ramey], 2004;225:1332  
Response [R van den Hoven et al], 2004;225:1333

## Escherichia coli

- Antimicrobial resistance of *Escherichia coli* strains isolated from urine of women with cystitis or pyelonephritis and feces of dogs and healthy humans [MR Sannes et al], 368

## Ethics

- Professional, ethical, and legal dilemmas of trap-neuter-release [PL Barrows], 2004;225:1365

## Euthanasia

- A reflection on the ways veterinarians cope with the death, euthanasia, and slaughter of animals [CS Manette], 34
- Use of matrix population models to estimate the efficacy of euthanasia versus trap-neuter-return for management of free-roaming cats [MC Andersen et al], 1871

## Examinations

- 111, 287, 424, 587, 738, 937, 1094, 1248, 1438, 1589, 1750, 1915

## Exhibitions

- Effects of winning the Westminster Kennel Club Dog Show on breed popularity [HA Herzog et al], 365

## Exploring the Bond

- Effects of winning the Westminster Kennel Club Dog Show on breed popularity [HA Herzog et al], 365

## Extractions

- Fistula formation caused by a retained root fragment after tooth extraction in a dog [KM Galante et al], 2004;225:1037  
Letters: Comments on diagnosis in dentistry article [AM Reiter], 2004;225:1529  
[BP Hall], 2004;225:1528  
[DT Carmichael], 2004;225:1528

## Eyes

- Fundusoscopic findings following cataract extraction by means of phacoemulsification in diabetic dogs: 52 cases (1993–2003) [MP Landry et al], 709
- Effects of treatment with and without adjuvant radiation therapy on recurrence of ocular and adnexal squamous cell carcinoma in horses: 157 cases (1985–2002) [CB Mosunic et al], 1733

## F

### Facts & Figures

- Distribution of AVMA members by state and gender (1999–2003) [JK Wise et al], 519
- Employment and age of male and female AVMA members, 2003 [JK Wise et al], 876
- Employment, starting salaries, and educational indebtedness of year-2004 graduates of US veterinary medical colleges [AJ Shepherd], 1677
- Employment of female and male graduates of US veterinary medical colleges, 2004 [AJ Shepherd], 1834

### Fanconi Syndrome

- Survival time, lifespan, and quality of life in dogs with idiopathic Fanconi syndrome [JH Yearley et al], 377

## Feces

- Risk factors associated with fecal *Salmonella* shedding among hospitalized horses with signs of gastrointestinal tract disease [NS Ernst et al], 275
- Antimicrobial resistance of *Escherichia coli* strains isolated from urine of women with cystitis or pyelonephritis and feces of dogs and healthy humans [MR Sannes et al], 368
- Evaluation of two rapid assays for detecting *Cryptosporidium parvum* in calf feces [JL Muccio et al], 1090
- Comparison of direct immunofluorescence, modified acid-fast staining, and enzyme immunoassay techniques for detection of *Cryptosporidium* spp in naturally exposed kittens [SL Marks et al], 1549
- Effect of dental floating on weight gain, body condition score, feed digestibility, and fecal particle size in pregnant mares [JL Carmalt et al], 1889

## Feed

- Extralabel use of medicated feeds for minor species [AVMA Aquaculture and Seafood Advisory Committee (ASAC)], 531
- Effect of dental floating on weight gain, body condition score, feed digestibility, and fecal particle size in pregnant mares [JL Carmalt et al], 1889

## Feeding Tubes

- Evaluation of laparoscopic-assisted placement of jejunostomy feeding tubes in dogs [SA Hewitt et al], 65

## Feedlots

- Effect of intranasal vaccination against bovine enteric coronavirus on the occurrence of respiratory tract disease in a commercial backgrounding feedlot [PJ Plummer et al], 726

## Feline Immunodeficiency Virus (FIV)

- Effects of passive transfer of immunity on results of diagnostic tests for antibodies against feline immunodeficiency virus in kittens born to vaccinated queens [K MacDonald et al], 1554
- Effect of vaccination against feline immunodeficiency virus on results of serologic testing in cats [JK Levy et al], 1558

## Feral Animals

Seroprevalences of antibodies against *Bartonella henselae* and *Toxoplasma gondii* and fecal shedding of *Cryptosporidium* spp, *Giardia* spp, and *Toxocara cati* in feral and pet domestic cats [FB Nutter et al], 1394

Reproductive capacity of free-roaming domestic cats and kitten survival rate [FB Nutter et al], 1399

Time and financial costs of programs for live trapping feral cats [FB Nutter et al], 1403

Use of matrix population models to estimate the efficacy of euthanasia versus trap-neuter-return for management of free-roaming cats [MC Andersen et al], 1871

Understanding issues and solutions for unowned, free-roaming cat populations [MR Slater], 2004;225:1350

Humane strategies for controlling feral cat populations [JK Levy et al], 2004;225:1354

Analyzing approaches to feral cat management—one size does not fit all [MK Stoskopf et al], 2004;225:1361

Trap-neuter-release programs: the reality and the impacts [L Winter], 2004;225:1369

The welfare of feral cats and wildlife [DA Jessup], 2004;225:1377

## Ferrets

Multilobular osteoma in a ferret [CS Hanley et al], 1665

Clinicopathologic features of an unusual outbreak of cryptococcosis in dogs, cats, ferrets, and a bird: 38 cases (January to July 2003) [SJ Lester et al], 1716

## Fetus

Evaluation of fetal protection against experimental infection with type 1 and type 2 bovine viral diarrhea virus after vaccination of the dam with a bivalent modified live virus vaccine [KKF Fairbanks et al], 1898

## Fibrillation

Atrial fibrillation in cats: 50 cases (1979–2002) [E Côté et al], 256

## Fibropapillomatosis

Evaluation of magnetic resonance imaging for detection of internal tumors in green turtles with cutaneous fibropapillomatosis [LA Croft et al], 1428

## Fish

Intramuscular anesthesia of bonito and Pacific mackerel with ketamine and medetomidine and reversal of anesthesia with atipamezole [TD Williams et al], 417

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Surgical correction of subaortic stenosis via right ventriculotomy and septal resection in a dog [DA Nelson et al], 705
- Superficial Digital Flexor Tendon**  
Association between race history and risk of superficial digital flexor tendon injury in Thoroughbred racehorses [T Takahashi et al], 90



## Surface Area

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Surgical correction of subaortic stenosis via right ventriculotomy and septal resection in a dog [DA Nelson et al], 705  
Use of a hand-assisted laparoscopic technique for removal of a uterine leiomyoma in a standing mare [JC Janicek et al], 911  
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Fracture of an endoluminal nitinol stent used in the treatment of tracheal collapse in a dog [E Mittleman et al], 1217  
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## Survival

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Foreign body attachment to polypropylene suture material extruded into the small intestinal lumen after enteric closure in three dogs [M Milovancev et al], 1713

## Synovial Fluid

Absolute and relative cell counts for synovial fluid from normal shoulder and stifle joints in cats [PD Pacchiana et al], 1866

## Synovium

Calcium deposition disease in a Great Dane [KA Kirkby et al], 1335

## Syringohydromyelia

Cervical syringohydromyelia secondary to a brainstem tumor in a dog [RC da Costa et al], 1061

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Fistula formation caused by a retained root fragment after tooth extraction in a dog [KM Galante et al], 2004;225:1037  
Letters: Comments on diagnosis in dentistry article [AM Reiter], 2004;225:1529  
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[DT Carmichael], 2004;225:1528  
Surgical management of compound odontoma in two horses [SH Brounts et al], 1423  
Effect of dental floating on weight gain, body condition score, feed digestibility, and fecal particle size in pregnant mares [JL Carmalt et al], 1889

### Tendons

Association between race history and risk of superficial digital flexor tendon injury in Thoroughbred racehorses [T Takahashi et al], 90  
Assessment of the ultrasonographic characteristics of the podotrochlear apparatus in clinically normal horses and horses with navicular syndrome [JS Grewal et al], 1881

### Tension Bands

Tension band stabilization of fractures and luxations of the thoracolumbar vertebrae in dogs and cats: 38 cases (1993–2002) [K Voss et al], 78

### Terrorism

Medical and behavioral surveillance of dogs deployed to the World Trade Center and the Pentagon from October 2001 to June 2002 [CM Otto et al], 861  
Deployment morbidity among search-and-rescue dogs used after the September 11, 2001, terrorist attacks [KA Slensky et al], 868

### Texas Beef Partnership in Extension Program

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Evaluation of early fetal loss induced by gavage with eastern tent caterpillars in pregnant mares [WV Bernard et al], 717  
Ichthyosis in a bovine fetus [N Allison], 849  
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Use of high-power ultrasonic shears for laparoscopic ovariectomy in mares [JG Alldredge et al], 1578  
Evaluation of administration of West Nile virus vaccine to pregnant broodmares [DJ Vest et al], 1894  
Evaluation of fetal protection against experimental infection with type 1 and type 2 bovine viral diarrhea virus after vaccination of the dam with a bivalent modified live virus vaccine [KKF Fairbanks et al], 1898

### Therigenology Question of the Month

Pregnancy resulting from mating within 24 hours of vasectomy in a dog [C Gobello et al], 207  
Ichthyosis in a bovine fetus [N Allison], 849  
Semen-induced peritonitis in a dog [LA Slater et al], 1535

### Thorax

Pneumothorax in dairy cattle: 30 cases (1990–2003) [JA Slack et al], 732

### Thoroughbreds

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### Thrombocytopenia

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### Thrombosis

Appendicular arterial tumor embolization in two cats with pulmonary carcinoma [P Ibarrola et al], 1065

Use of low molecular weight heparin in cats: 57 cases (1999–2003) [CE Smith et al], 1237

Antiplatelet effects and pharmacodynamics of clopidogrel in cats [DF Hogan et al], 1406

### Thymoma

Use of a jugular vein autograft for reconstruction of the cranial vena cava in a dog with invasive thymoma and cranial vena cava syndrome [IG Holsworth et al], 1205

### Tibia

A lag-screw technique for bridging of the medial aspect of the distal tibial physis in horses [S Witte et al], 1581

Tibial plateau leveling osteotomy in a llama with a ruptured cranial cruciate ligament [WM Ray et al], 1739

### Ticks

Topical flea and tick pesticides and the risk of transitional cell carcinoma of the urinary bladder in Scottish Terriers [M Raghavan et al], 389

### Timely Topics in Nutrition

Energy requirements and body surface area of cats and dogs [RC Hill et al], 689

Nutritional adequacy of two vegan diets for cats [CM Gray et al], 1670

### Total Parenteral Nutrition

Evaluation of complications and prognostic factors associated with administration of total parenteral nutrition in cats: 75 cases (1994–2001) [SC Pyle et al], 242

### Toxicology

Topical flea and tick pesticides and the risk of transitional cell carcinoma of the urinary bladder in Scottish Terriers [M Raghavan et al], 389

Hemolysis and Heinz body formation associated with ingestion of red maple leaves in two alpacas [SF DeWitt et al], 578

Evaluation of early fetal loss induced by gavage with eastern tent caterpillars in pregnant mares [WV Bernard et al], 717

### Toxocara cati

Seroprevalences of antibodies against *Bartonella henselae* and *Toxoplasma gondii* and fecal shedding of *Cryptosporidium* spp, *Giardia* spp, and *Toxocara cati* in feral and pet domestic cats [FB Nutter et al], 1394

### Toxoplasma gondii

Seroprevalences of antibodies against *Bartonella henselae* and *Toxoplasma gondii* and fecal shedding of *Cryptosporidium* spp, *Giardia* spp, and *Toxocara cati* in feral and pet domestic cats [FB Nutter et al], 1394

### Trachea

Fracture of an endoluminal nitinol stent used in the treatment of tracheal collapse in a dog [E Mittleman et al], 1217

Treatment of tracheal collapse with an intraluminal stent in a miniature horse [LL Couëtil et al], 1727

### Transfaunation

Evaluation of rumen transfaunation after surgical correction of left-sided displacement of the abomasum in cows [KD Rager et al], 915

### Transitional Cell Carcinoma

Topical flea and tick pesticides and the risk of transitional cell carcinoma of the urinary bladder in Scottish Terriers [M Raghavan et al], 389

### Trap-Neuter-Return (TNR)

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Trap-neuter-release programs: the reality and the impacts [L Winter], 2004;225:1369

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### Trichomonas foetus

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### Tularemia see Francisella tularensis

### Turtles

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Evaluation of a focused assessment with sonography for trauma protocol to detect free abdominal fluid in dogs involved in motor vehicle accidents [SR Boysen et al], 1198

*Halicephalobus gingivalis* infection in a donkey [DG Schmitz et al], 1667

Avulsion of a hepatic duct in a dog [DE Filipowicz et al], 1831

Use of tissue Doppler imaging to confirm the diagnosis of dilated cardiomyopathy in a dog with equivocal echocardiographic findings [V Chetboul et al], 1877

Assessment of the ultrasonographic characteristics of the podotrochlear apparatus in clinically normal horses and horses with navicular syndrome [JS Grewal et al], 1881

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Patent urachus in a dog [SC Rahal et al], 1041

### Urethra

Urethral trauma from catheterization in a dog [SP Mahler et al], 839

### Urinary Bladder

Topical flea and tick pesticides and the risk of transitional cell carcinoma of the urinary bladder in Scottish Terriers [M Raghavan et al], 389

## Urinary System

- Ultrasonography of the urinary tract in small animals [WR Widmer et al], 46
- Antimicrobial resistance of *Escherichia coli* strains isolated from urine of women with cystitis or pyelonephritis and feces of dogs and healthy humans [MR Sannes et al], 368
- Survival time, lifespan, and quality of life in dogs with idiopathic Fanconi syndrome [JH Yearley et al], 377
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- Urethral trauma from catheterization in a dog [SP Mahler et al], 839
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- Patent urachus in a dog [SC Rahal et al], 1041
- Halicephalobus gingivalis* infection in a donkey [DG Schmitz et al], 1667

## Urine Spraying

- Determination of the dosage of clomipramine for the treatment of urine spraying in cats [JN King et al], 881

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- Evaluation of administration of West Nile virus vaccine to pregnant broodmares [DJ Vest et al], 1894
- Evaluation of fetal protection against experimental infection with type 1 and type 2 bovine viral diarrhea virus after vaccination of the dam with a bivalent modified live virus vaccine [KKF Fairbanks et al], 1898

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- Clinicopathologic features of an unusual outbreak of cryptococcosis in dogs, cats, ferrets, and a bird: 38 cases (January to July 2003) [SJ Lester et al], 1716

## Vasectomy

- Pregnancy resulting from mating within 24 hours of vasectomy in a dog [C Gobello et al], 207

## Vegan

- Nutritional adequacy of two vegan diets for cats [CM Gray et al], 1670

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- Use of a jugular vein autograft for reconstruction of the cranial vena cava in a dog with invasive thymoma and cranial vena cava syndrome [IG Holsworth et al], 1205

## Ventriculotomy

- Surgical correction of subaortic stenosis via right ventriculotomy and septal resection in a dog [DA Nelson et al], 705

## Vertebral Column

- Fracture of the sacrum with displacement of the vertebral column in a dog [KM Tobias et al], 43
- Tension band stabilization of fractures and luxations of the thoracolumbar vertebrae in dogs and cats: 38 cases (1993–2002) [K Voss et al], 78
- Vertebral body osteomyelitis in a foal [R Tyson et al], 515
- Risk factors for recurrence of clinical signs associated with thoracolumbar intervertebral disk herniation in dogs: 229 cases (1994–2000) [PD Mayhew et al], 1231

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- Serving society first: a time for change in veterinary medicine [P Eyre et al], 40
- Use of the Roter interaction analysis system to analyze veterinarian-client-patient communication in companion animal practice [JR Shaw et al], 222
- Behavior wellness concepts for general veterinary practice [S Hetts et al], 506
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## Veterinary Profession

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- Concerns about our profession [WA Dorsey], 1827

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- Investigation of an outbreak of encephalomyelitis caused by West Nile virus in 136 horses [MP Ward et al], 2004;224:84
- Letter: Views WNV prevention suggestions as outdated [FK Reilly], 2004;225:1027
- Use of the meridian test for the detection of equine herpesvirus type 1 infection in horses with decreased performance [S Chvala et al], 2004;225:554
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Outcome of equids with clinical signs of West Nile virus infection and factors associated with death [P Salazar et al], 267

Effect of intranasal vaccination against bovine enteric coronavirus on the occurrence of respiratory tract disease in a commercial backgrounding feedlot [PJ Plummer et al], 726

West Nile virus infection in two alpacas [MA Kutzler et al], 921

Evaluation of an outbreak of West Nile virus infection in horses: 569 cases (2002) [LA Schuler et al], 1084

Effects of passive transfer of immunity on results of diagnostic tests for antibodies against feline immunodeficiency virus in kittens born to vaccinated queens [K MacDonald et al], 1554

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Rabies surveillance in the United States during 2003 [JW Krebs et al], 1837

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Antimicrobial resistance of *Escherichia coli* strains isolated from urine of women with cystitis or pyelonephritis and feces of dogs and healthy humans [MR Sannes et al], 368

## World Trade Center

Medical and behavioral surveillance of dogs deployed to the World Trade Center and the Pentagon from October 2001 to June 2002 [CM Otto et al], 861

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### Zoonoses

Investigation of an outbreak of encephalomyelitis caused by West Nile virus in 136 horses [MP Ward et al], 2004;225:84

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